

# PATENT COOPERATION TREATY

## PCT

### INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference WR/40062731		<b>FOR FURTHER ACTION</b> See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/SG 2004/000392	International filing date (day/month/year) 1 December 2004 (01.12.2004)	Priority Date (day/month/year) 2 December 2003 (02.12.2003)	
International Patent Classification (IPC) or national classification and IPC  IPC <sup>7</sup> : G07C 9/00, H04L 9/32, G06K 9/78			
Applicant MULTIMEDIA GLORY SDN BHD			
<p>1. This international preliminary examination report has been prepared by this International Preliminary Examination Authority and is transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of <u>5</u> sheets, including this cover sheet.</p> <p><input type="checkbox"/> This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).</p> <p>These annexes consist of a total of _____ sheets.</p> <p>3. This report contains indications relating to the following items:</p> <ul style="list-style-type: none"> <li>I. <input checked="" type="checkbox"/> Basis of the opinion</li> <li>II. <input type="checkbox"/> Priority</li> <li>III. <input type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</li> <li>IV. <input type="checkbox"/> Lack of unity of invention</li> <li>V. <input checked="" type="checkbox"/> Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</li> <li>VI. <input type="checkbox"/> Certain documents cited</li> <li>VII. <input checked="" type="checkbox"/> Certain defects in the international application</li> <li>VIII. <input type="checkbox"/> Certain observations on the international application</li> </ul>			
Date of submission of the demand  30.09.2005		Date of completion of this report  17 November 2005 (17.11.2005)	
Name and mailing address of the IPEA/AT Austrian Patent Office Dresdner Straße 87 A-1200 Vienna Facsimile No. 1/53424/200		Authorized officer  MESA PASCASIO J.  Telephone No. 1/53424/327	

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/SG 2004/000392

**I. Basis of the report**1. With regard to the **elements** of the international application:\*☒ the international application as originally filed☐ the description:

pages \_\_\_\_\_, as originally filed

pages \_\_\_\_\_, filed with the demand

pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_.

☐ the claims:

pages \_\_\_\_\_, as originally filed

pages \_\_\_\_\_, as amended (together with any statement) under Article 19

pages \_\_\_\_\_, filed with the demand

pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_.

☐ the drawings:

pages \_\_\_\_\_, as originally filed

pages \_\_\_\_\_, filed with the demand

pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_.

☐ the sequence listing part of the description:

pages \_\_\_\_\_, as originally filed

pages \_\_\_\_\_, filed with the demand

pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_.

2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language \_\_\_\_\_ which is:

☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).☐ the language of publication of the international application (under Rule 48.3(b)).☐ the language of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:☐ contained in the international application in printed form.☐ filed together with the international application in computer readable form.☐ furnished subsequently to this Authority in written form.☐ furnished subsequently to this Authority in computer readable form.☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.4. ☐ The amendments have resulted in the cancellation of:☐ the description, pages \_\_\_\_\_.☐ the claims, Nos. \_\_\_\_\_.☐ the drawings, sheets/fig \_\_\_\_\_.5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).\*\*

\* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as „originally filed“ and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

\*\* Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

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International application No.  
PCT/SG 2004/000392

## V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement Novelty (N)	Claims ----	YES
	Claims 1-24	NO
Inventive step (IS)	Claims ----	YES
	Claims 1-24	NO
Industrial applicability (IA)	Claims 1-24	YES
	Claims ----	NO

## Citations and explanations (Rule 70.7)

The cited documents are:

D1: US 2001/0044900 A1

D2: WO 03/046819 A1

Document D1 relates to an identification system for electronic commerce, whereby an end terminal transmits a transaction request message containing biometrics data of a user to a communications network. At least one electronic commerce service provider unit is provided which receives the transaction request message via the network and transmits an authentication request message containing the biometrics data to the network. An authentication server having a database for storing registered biometrics data receives the authentication request message and determines whether the received biometrics data has corresponding biometrics data in the database and returns a reply to the ECSP unit via the network indicating that the transaction request message is authenticated if the received biometrics data coincides with one of the registered biometrics data of the database.

Document D2 concerns a computerized identity matching management process. The process comprises the steps of a management computer receiving a request from capture apparatus waiting to commence a biometric capture process, to initiate the capture process. The management computer responds to the request to return a message to the capture apparatus at a first instant in time, the message containing a unique code, and where receipt of the message containing the code at the capture apparatus causes initiation of the capture process. The management computer, after returning a message, receives a captured biometric from the capture apparatus coded with the code, at a second instant in time. The management computer operates, when the second instant is less than a predetermined time later than the first instant, to decode the captured biometric and initiate a matching process to find a match for the decoded captured biometric against stored records and to generate an identification code when a

**Supplemental Box**

(To be used when the space in any of the preceding boxes is not sufficient)

Continuation of: Box V (page 1)

match is found. The invention further concerns a computerized identity matching management unit, and an electronic message.

The present application provides a method and an electronic means of identifying and verifying an individual utilising at least one biometric feature of the individual including the steps of activating an access apparatus with a means to capture at least one biometric feature of an individual in a secure manner using dynamic encryption; capturing the biometric feature of an individual wherein key features of biometric raw data are extracted; encrypting in a dynamic manner the biometric features; transmitting the encrypted data of the biometric feature to at least one server; and verifying the biometric features captured before with a pre-stored biometric feature in the server; wherein upon positive identification and verification of the individual access is given to doors, databases, computers, etc.

However, each of the cited documents, D1 or D2, contains the same features as in the present application, i.e. capturing biometrics data, if necessary extracting key features of the captured data, encryption of these data, sending it to a server which stores previously captured and encrypted biometrics data in a database, verification of the sent data at the server and transmitting either the verification result as such or an access key for a locked unit back to the sender.

Accordingly, all claims 1 to 24 are not new and do not contain an inventive step.

Industrial applicability is given.

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## VII. Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

Claims 22 to 24 providing an electronic means reference back to claim 1 providing a method. Therefore, references of claims 22 to 24 should be changed to any one of the claims 15, 16 or 18 to 21.